

FIG. 1

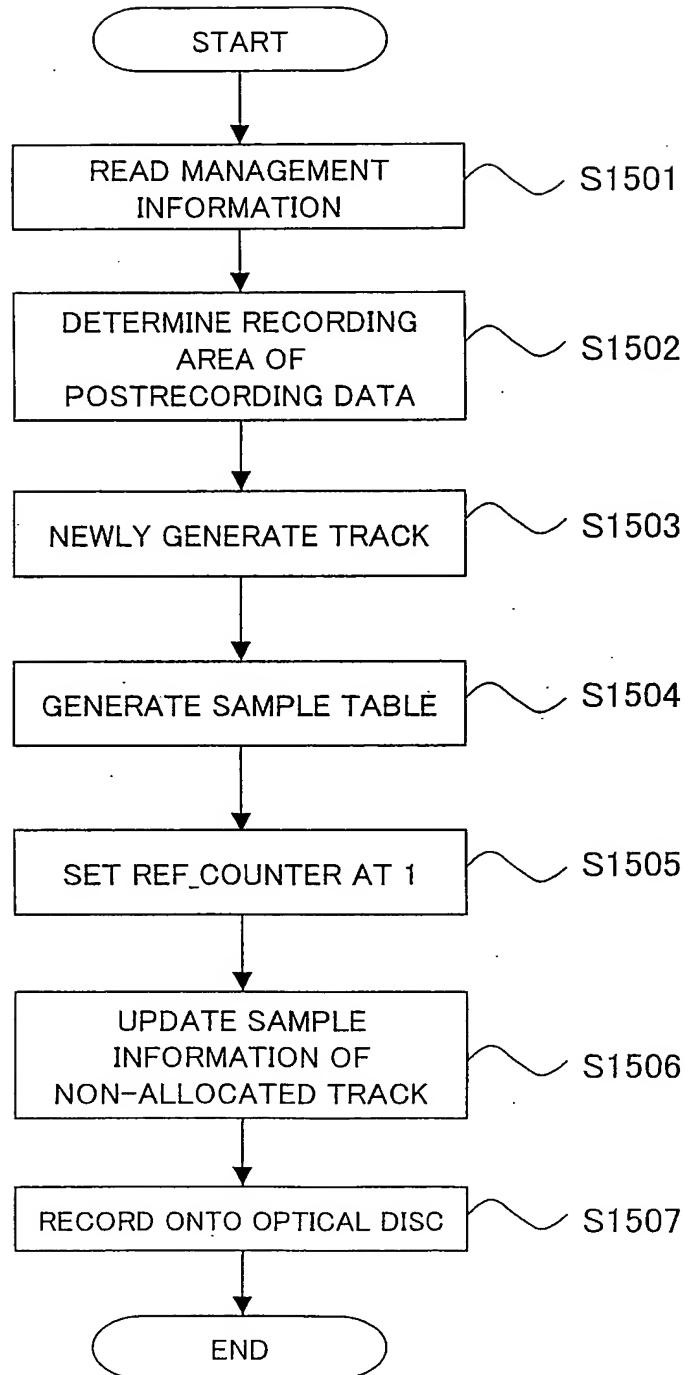


FIG. 2

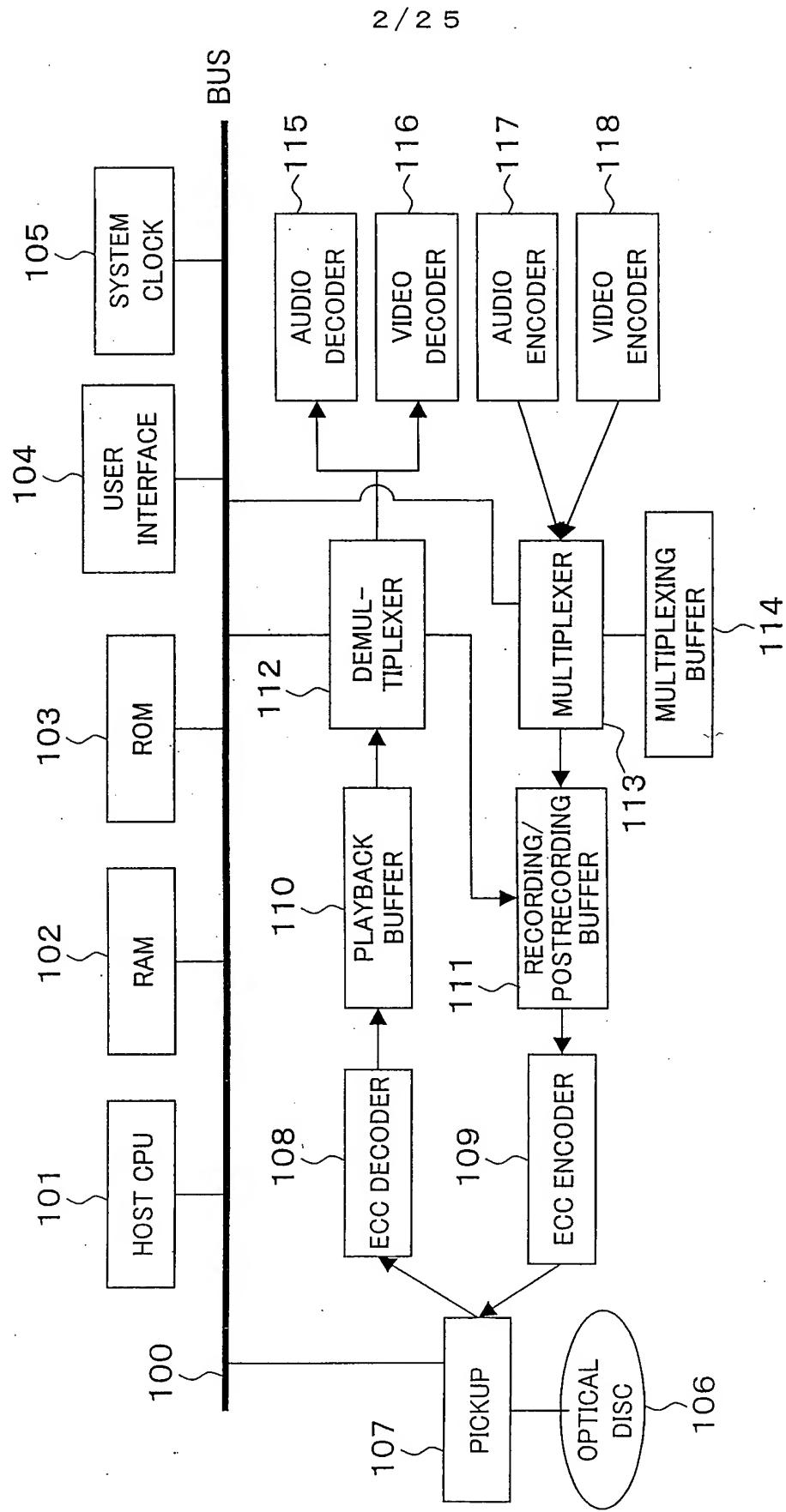


FIG. 3 (a)

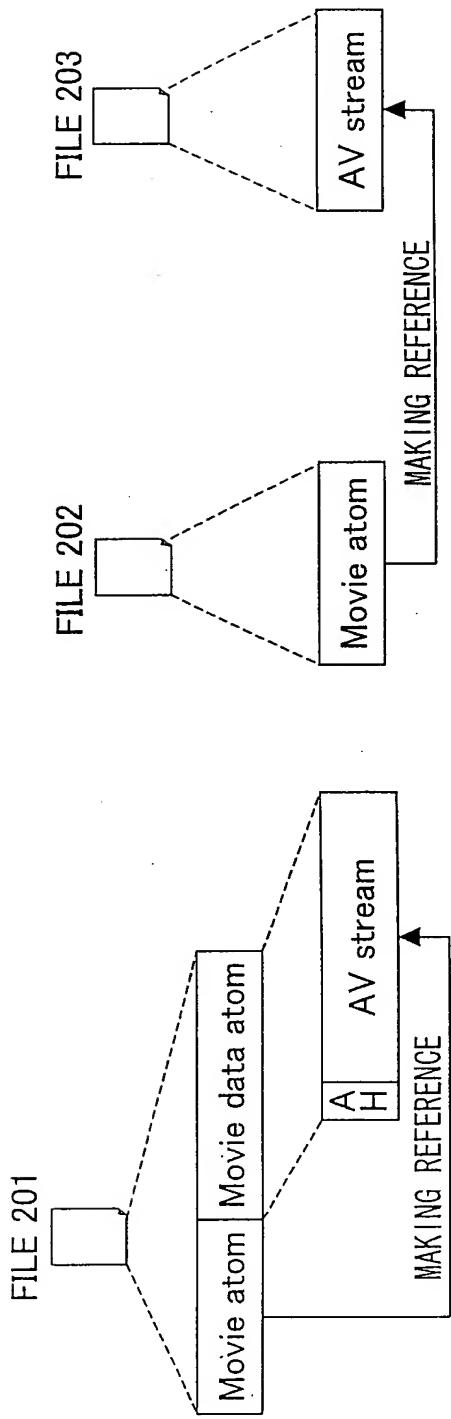


FIG. 3 (b)

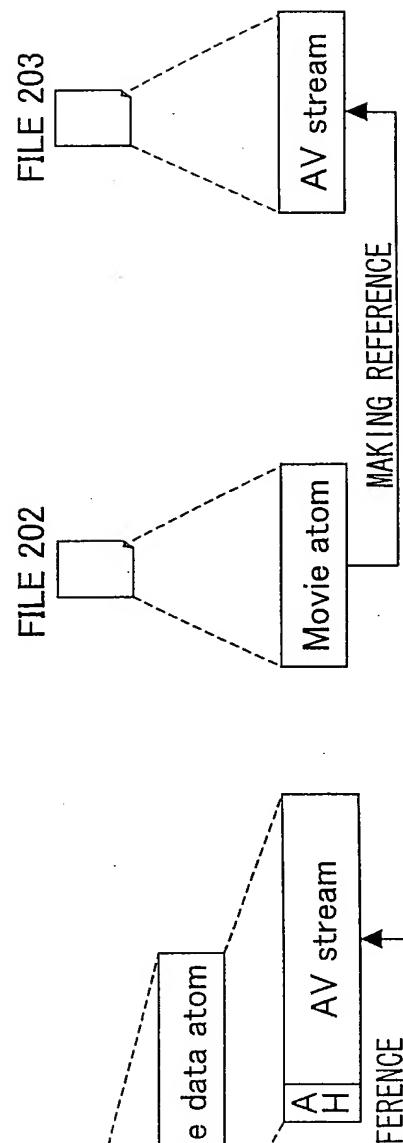


FIG. 3 (c)

FIG. 4

```
Movie atom {
    Atom size
    Type(='moov')
    Movie header atom
    Track atom (video track)
    Track atom (main audio track)
    :
    User data atom
}
```

FIG. 5

```
Track atom {
    Atom size
    Type(='trak')
    Track header atom
    Edit atom
    Track reference atom
    Media atom
    User data atom
    :
}
```

FIG. 6

```
Track header atom {
    Atom size
    Type(='tkhd')
    Version
    Flags
    Creation time
    Modification time
    Track ID
    Reserved
    Duration
    Reserved
    Layer
    Alternate group
    Volume
    Reserved
    Matrix structure
    Track width
    Track height
}
```

FIG. 7

```
Media atom {
    Atom size
    Type(='mdia')
    Media header atom
    Handler reference atom
    Media information atom
    User data atom
}
```

FIG. 8

```
media information atom {  
    Atom size  
    Type(='minf')  
    {video or Sound or Base} media information header atom  
    Handler reference atom  
    Data information atom  
    Sample table atom  
}
```

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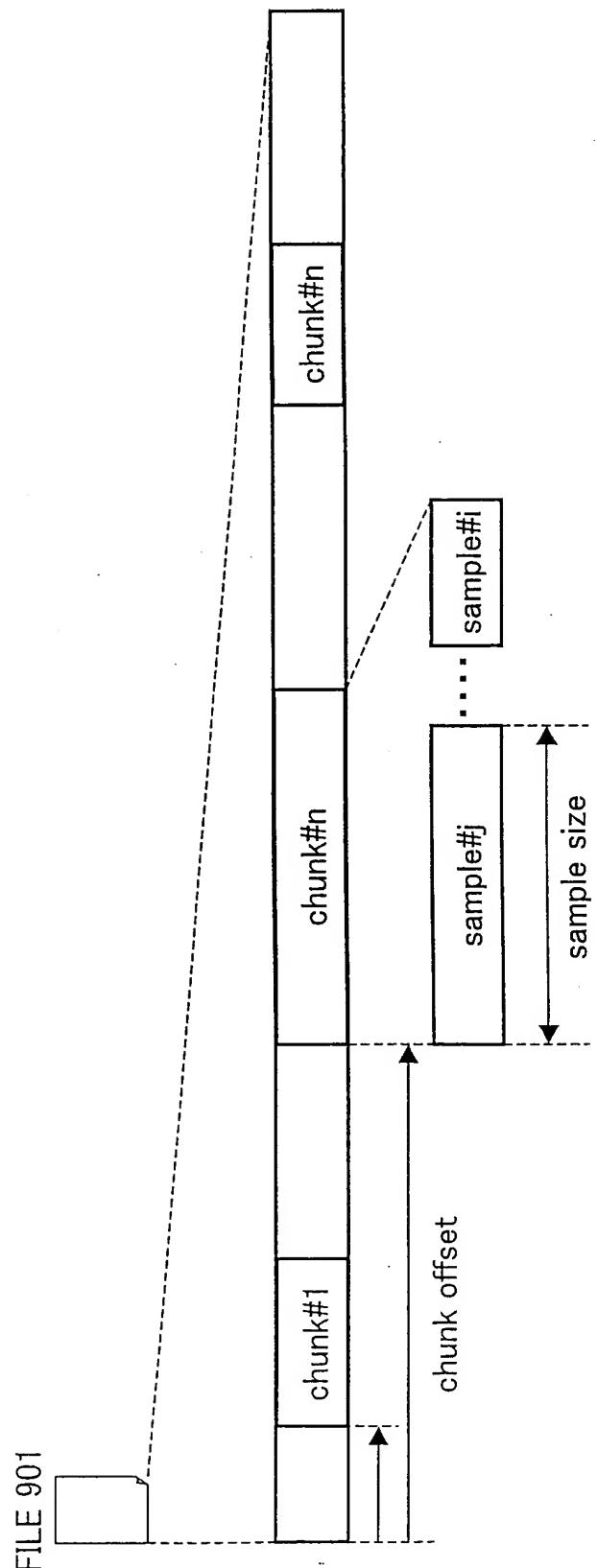


FIG. 9

FIG. 10

```
Sample table atom {
    Atom size
    Type(='stbl')
    Sample description atom
    Time-to-sample atom
    Sync sample atom
    Sample-to-chunk atom
    Sample size atom
    Chunk offset atom
}
```

```

Sample description atom {
    Atom size
    Type(='stsd')
    version
    flags
    number-of-entries
    for(i=0; i<number-of-entries; ++){
        Sample Description Table
    }
}

```

FIG. 11 (a)

```

Sound Sample description Table {
    size
    data-format
    reserved
    data-reference-index
    //sample description fields for sound media//
    version
    :
}

```

FIG. 11 (b)

FIG. 12

```
Edit atom {
    Atom size
    Type(='edts')
    Edit list atom
}

Edit list atom {
    Atom size
    Type(='elst')
    Versions
    Flags
    Number of entries(=N)
    for (i = 0; i < N; i++){
        Track duration
        Media time
        Media rate
    }
}
```

FIG. 13 (a)

Entry Number	Track duration D(i)	Media time T(i)	Media rate R(i)
#1	13000	20000	1
#2	5000	-1	1
#3	10000	0	1

FIG. 13 (b)

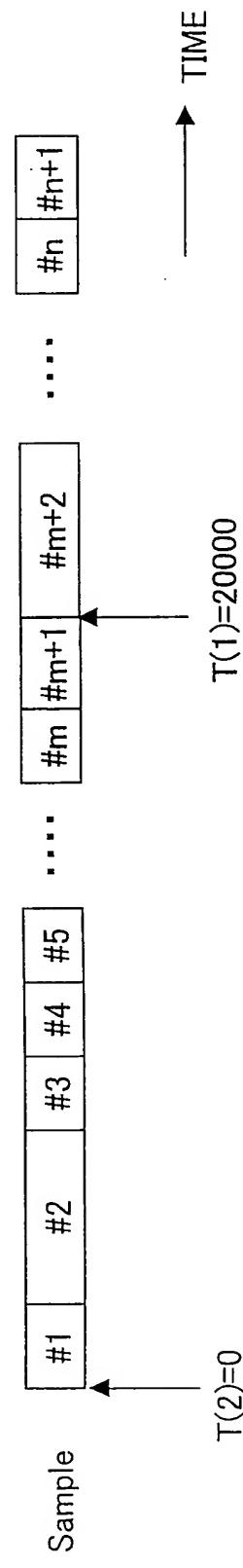


FIG. 13 (c)

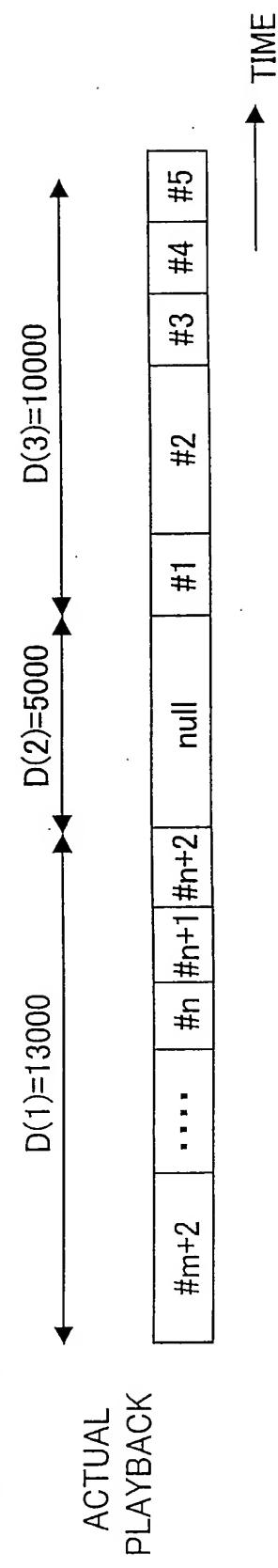


FIG. 14

```
User data atom {
    Atom size
    Type(='udta')
    for (i=0;i<N; i++){
        Atom size
        Type
        User data
    }
}
```

FIG. 15

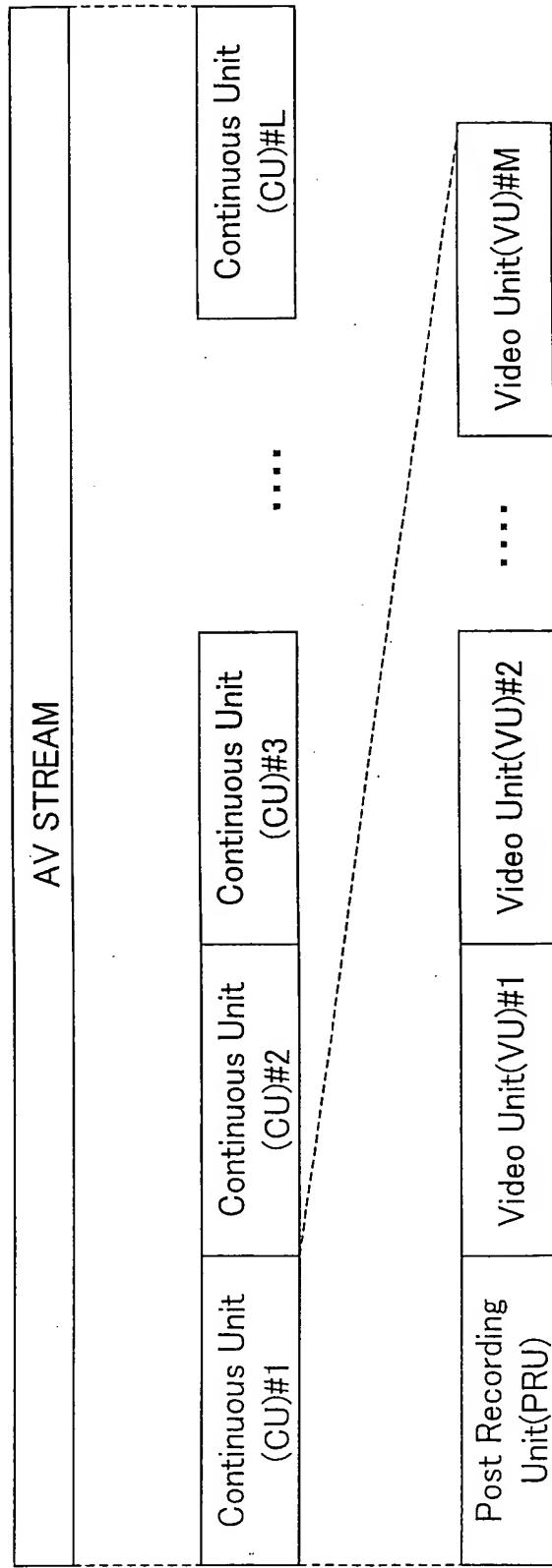


FIG. 16 (a)

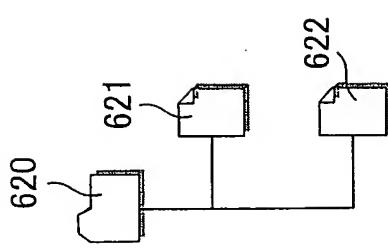


FIG. 16 (b)

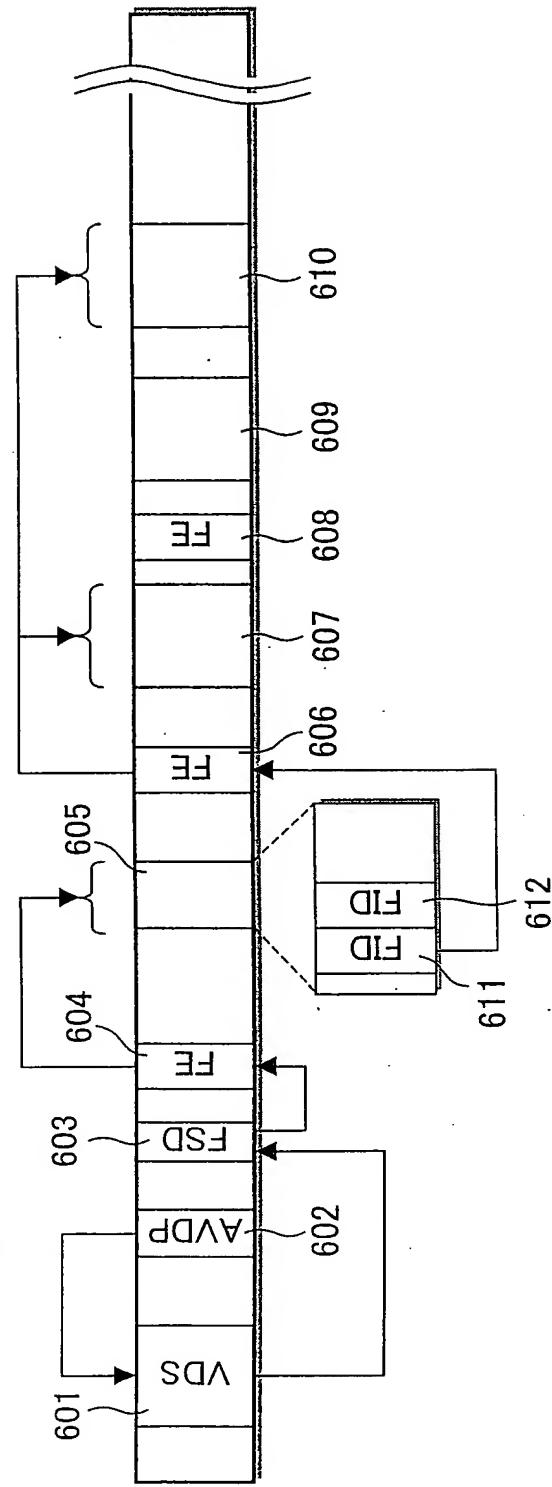


FIG. 17

```
User data atom {
    Atom size
    Type(='udta')
    for (i=0;i<N; i++){
        Atom size
        Type(='rfmg':reference management)
        ref_counter
    }
}
```

FIG. 18

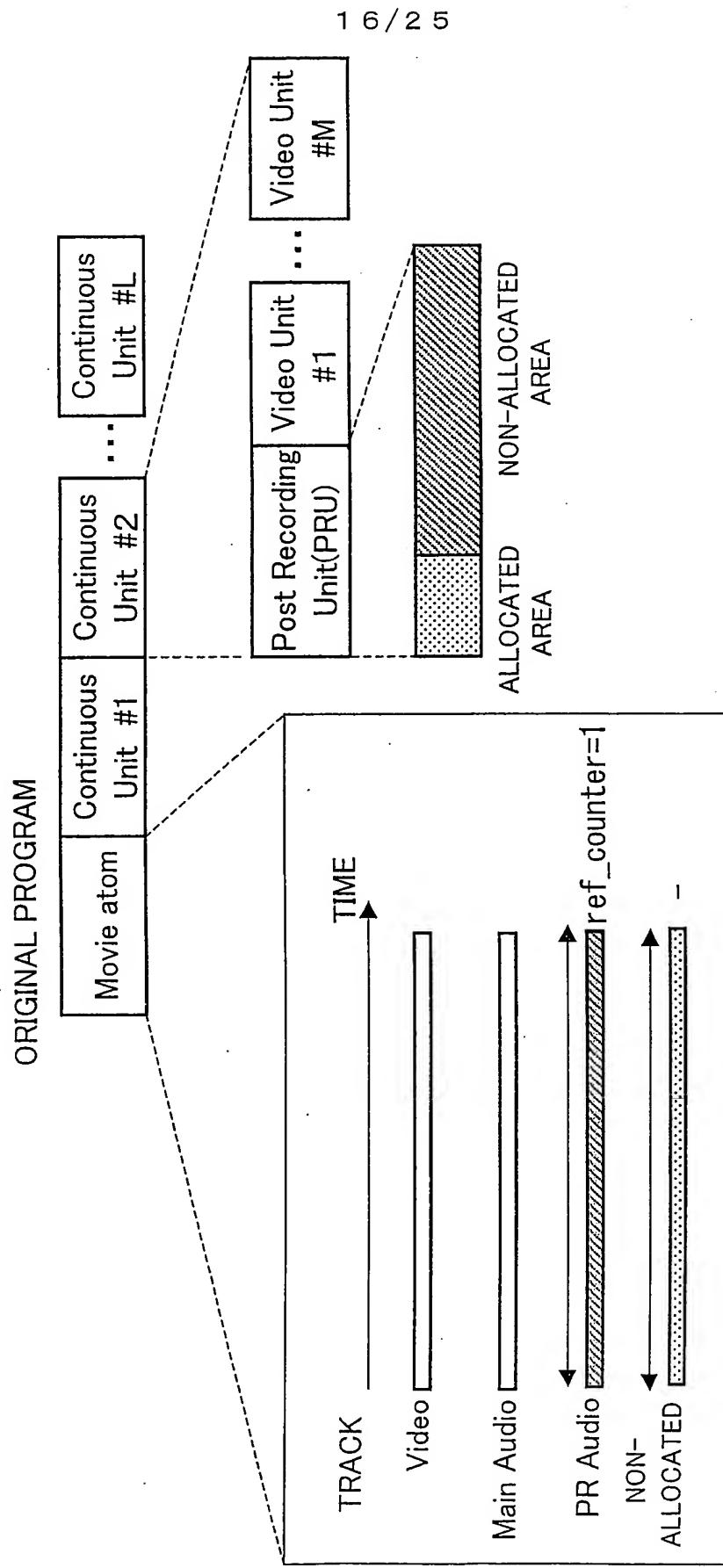


FIG. 19 (a)

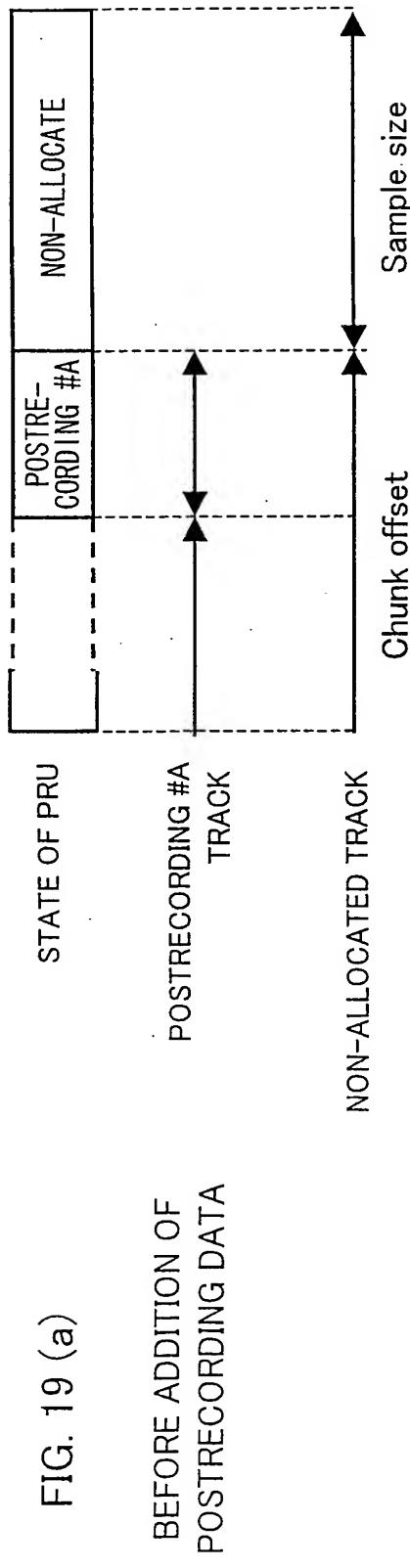


FIG. 19 (b)

AFTER ADDITION OF POSTRECORDING DATA

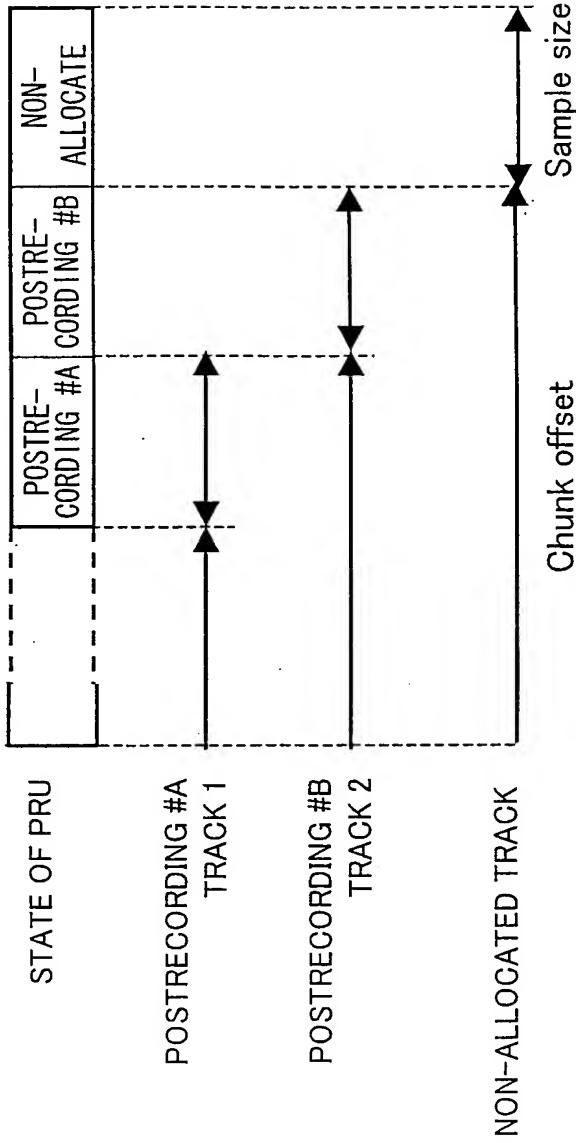


FIG. 20

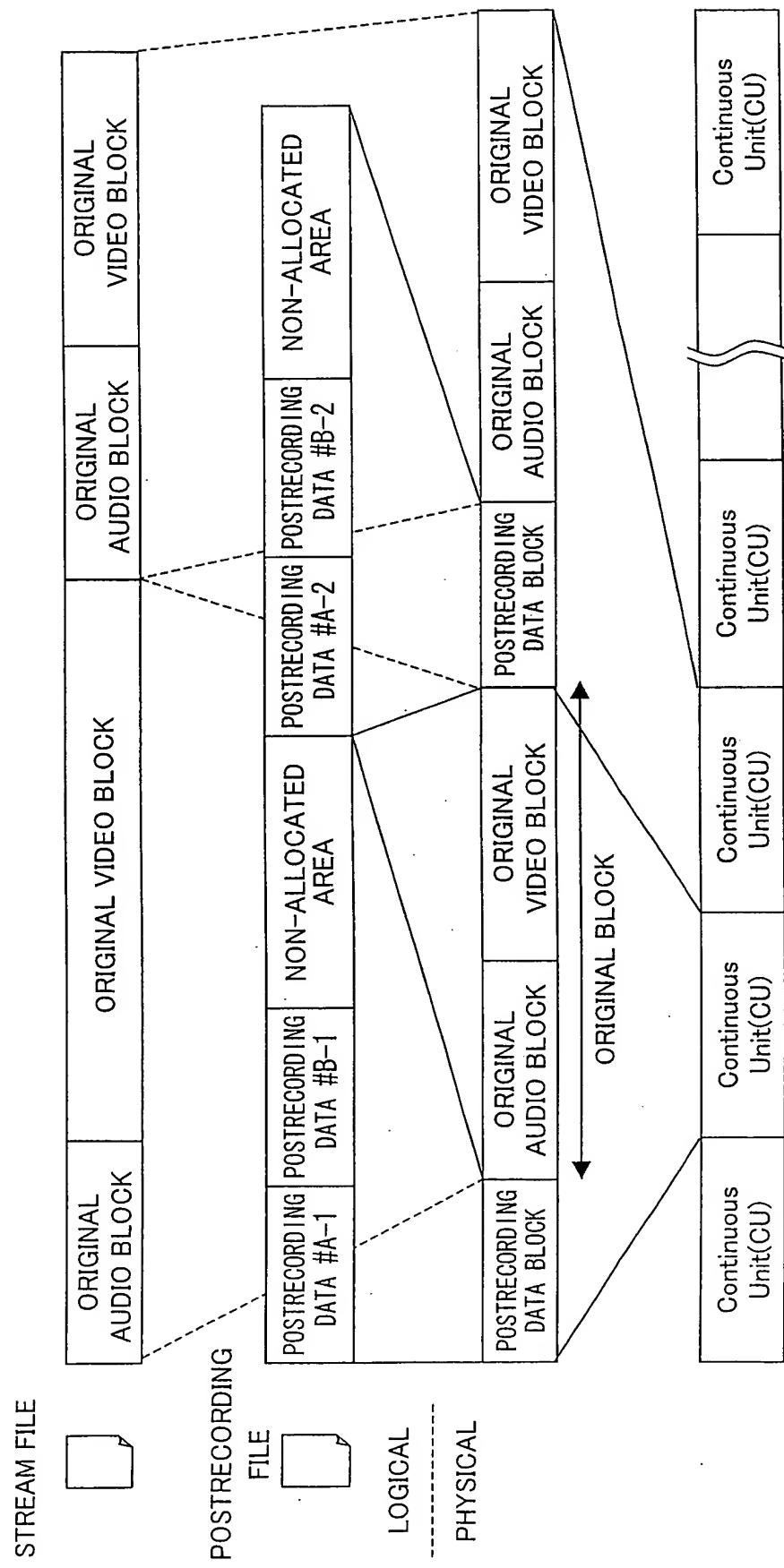


FIG. 21

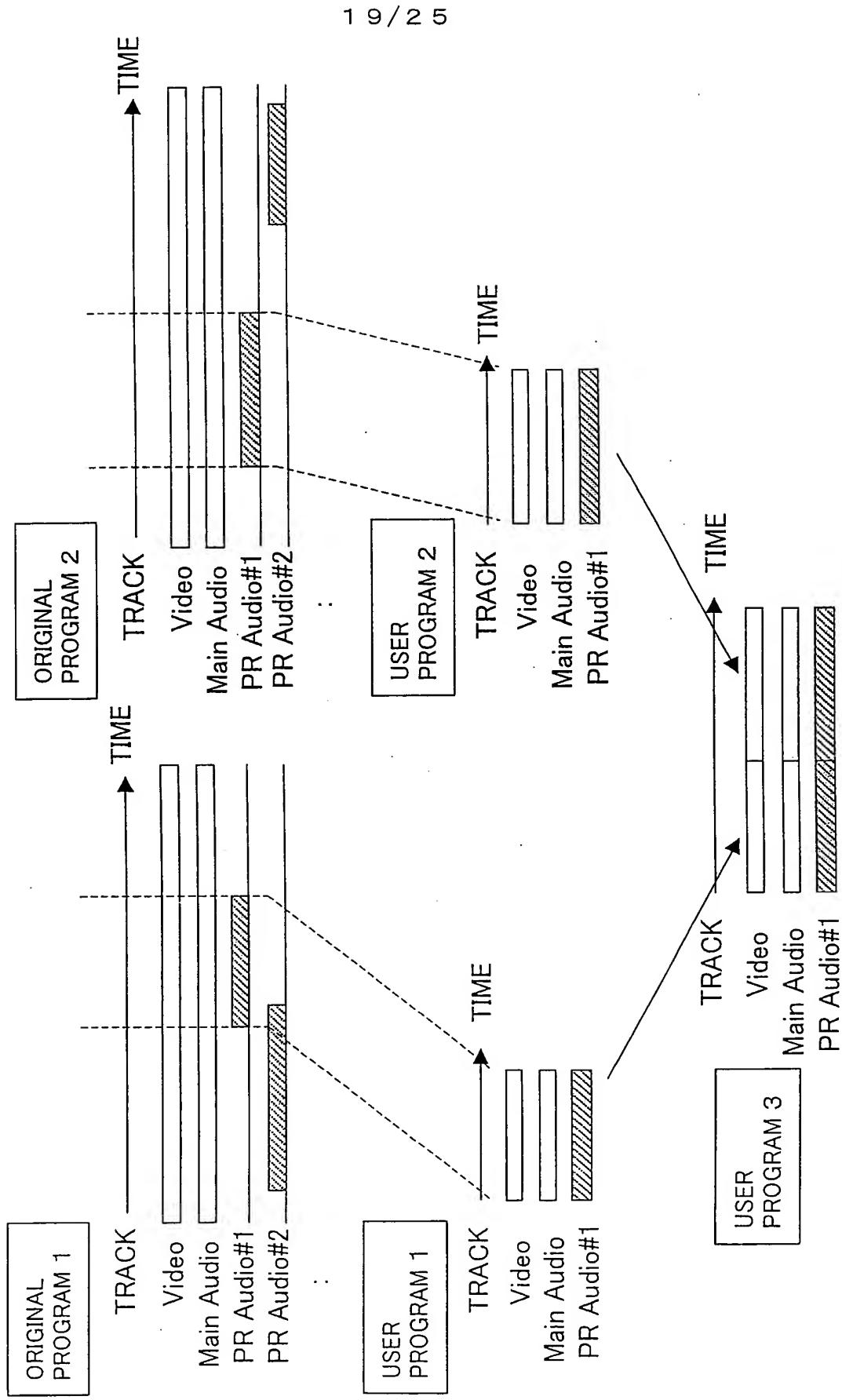


FIG. 22

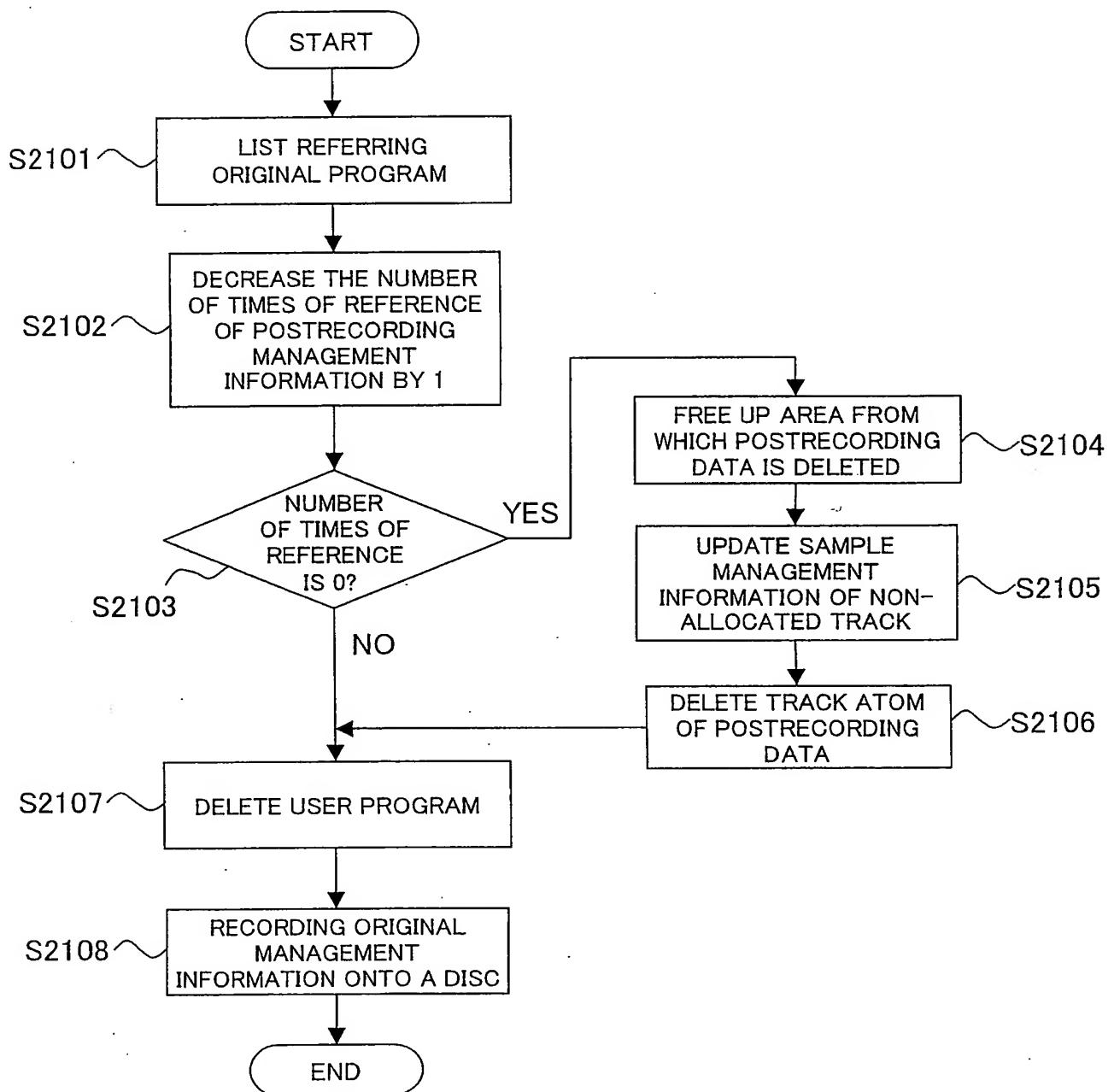


FIG. 23

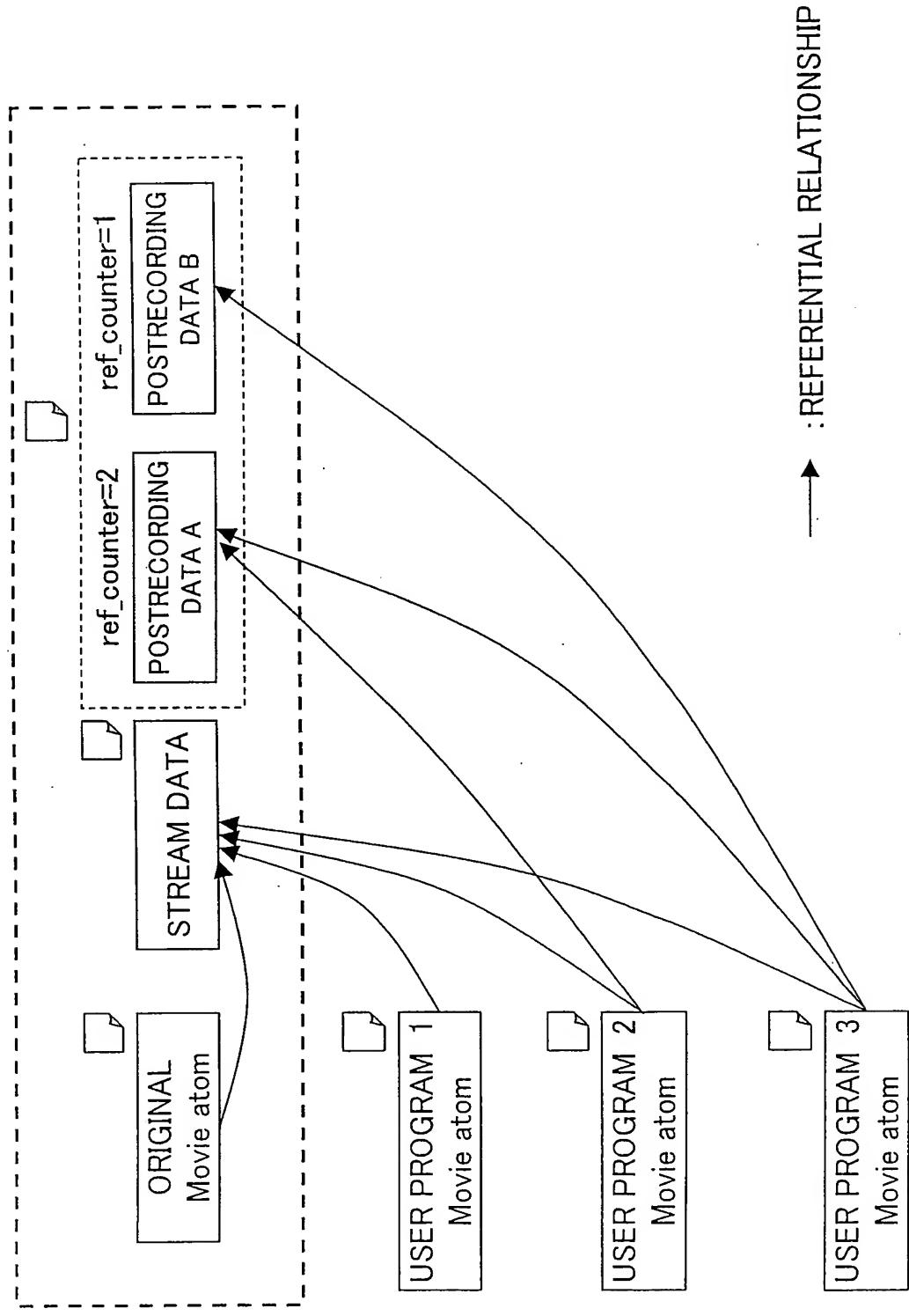


FIG. 24

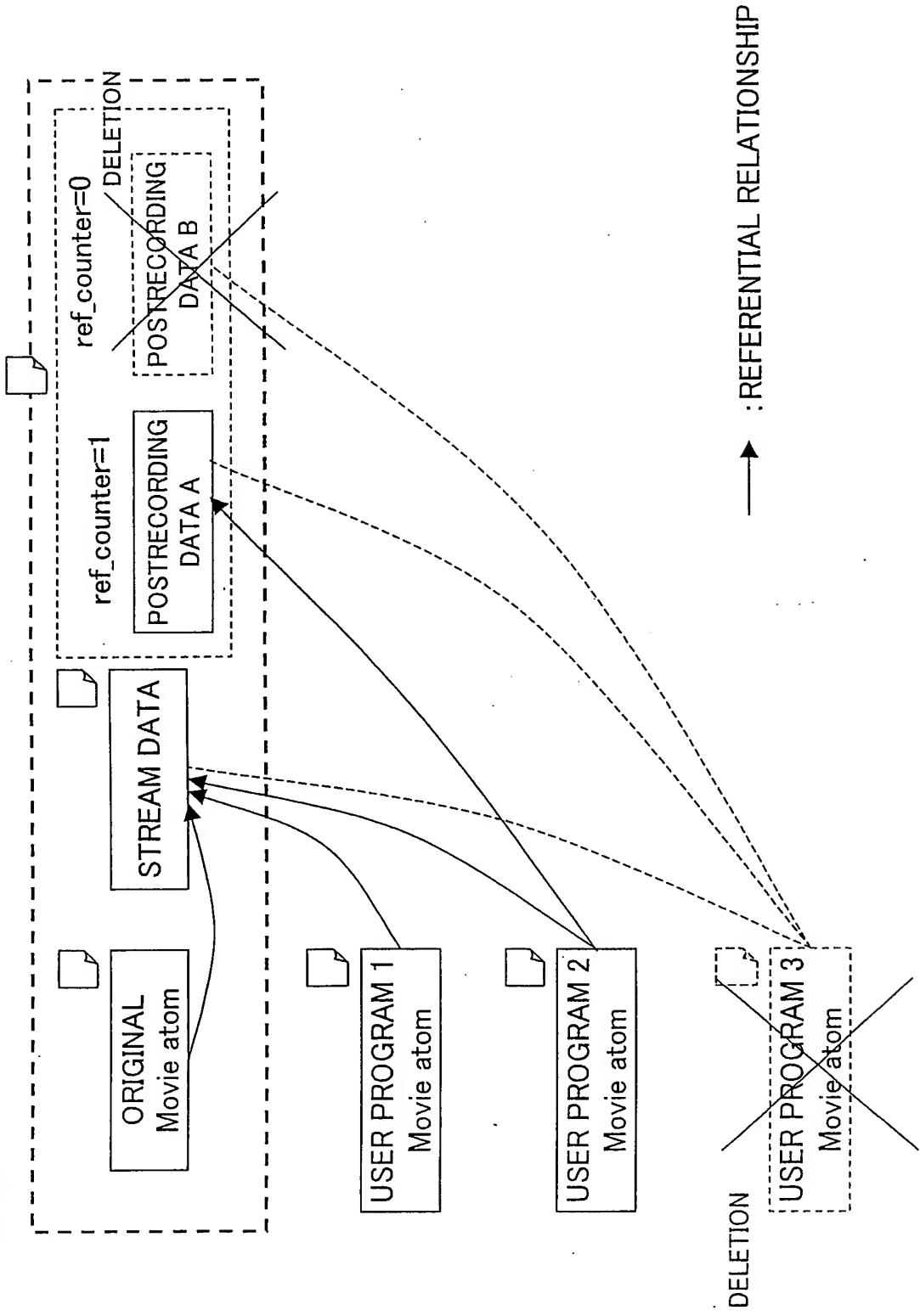


FIG. 25

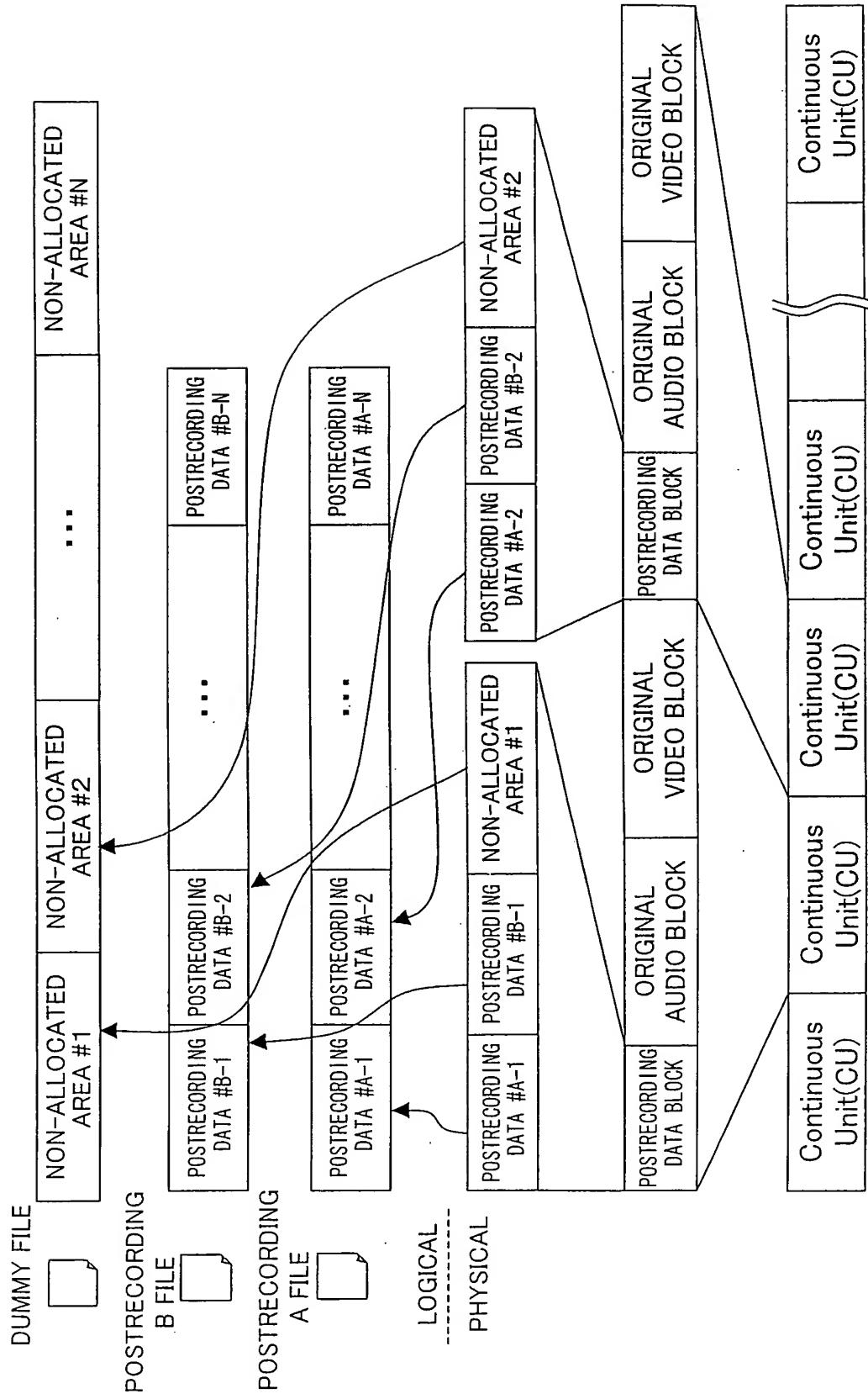


FIG. 26

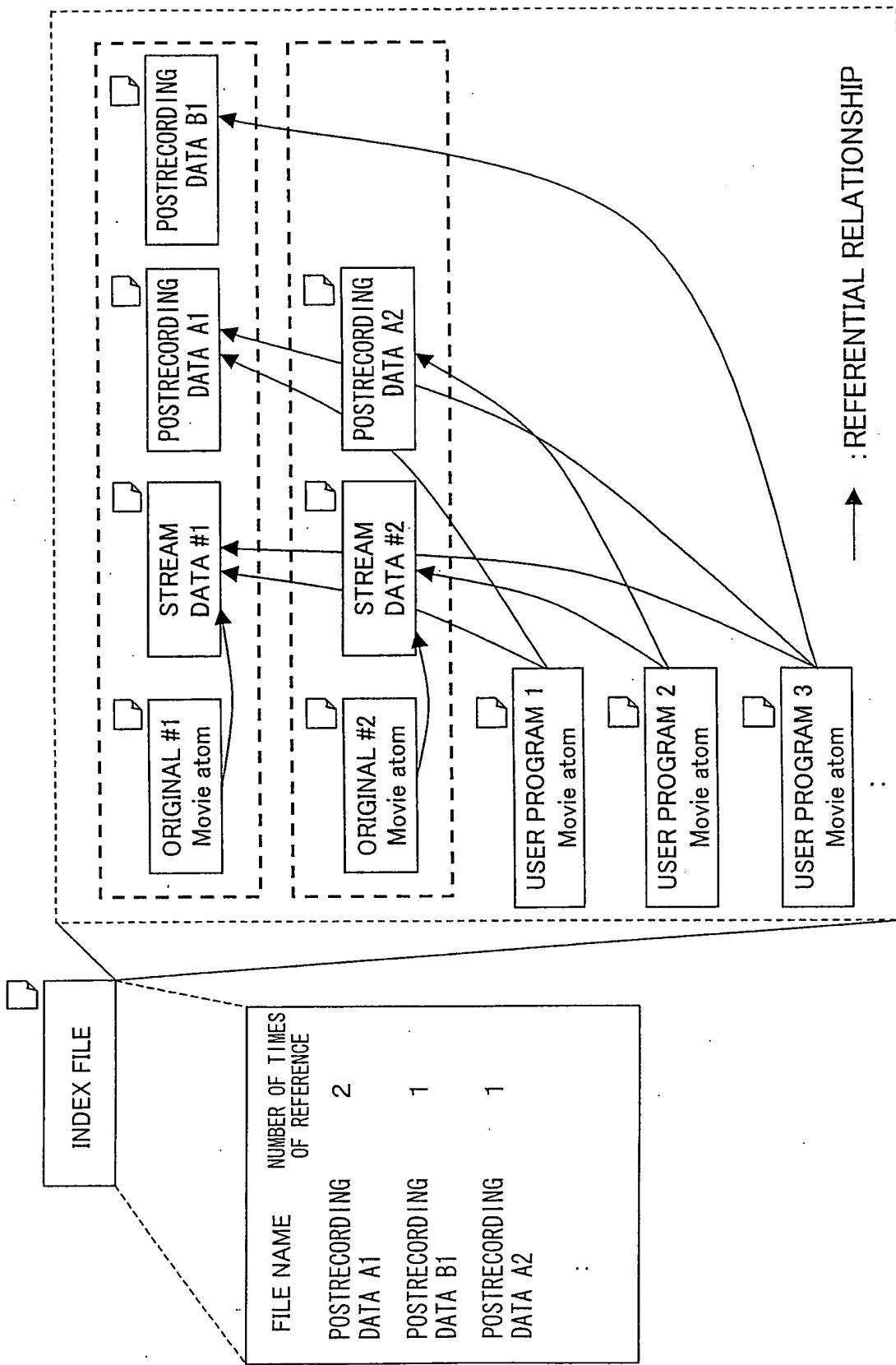


FIG. 27

